

Title (en)  
DOHERTY AMPLIFIER SYSTEM

Title (de)  
DOHERTY-VERSTÄRKER-SYSTEM

Title (fr)  
SYSTÈME D'AMPLIFICATEUR DE DOHERTY

Publication  
**EP 2097974 A2 20090909 (DE)**

Application  
**EP 07819767 A 20071112**

Priority  
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Abstract (en)  
[origin: WO2008067891A2] A Doherty amplifier system (1) comprises a plurality of sub-amplifiers (2 - 4) the inputs of which are controlled with different phase angles and/or signal amplitudes of an input signal (S<SUB>I</SUB>) via a control unit (5). The invention is characterized in that every output of every sub-amplifier (2 - 4) is directly connected to an antenna element (10 - 12) without the output signals of the sub-amplifiers (2 - 4) being combined with each other before they are supplied to the antenna elements (10 - 12).

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